

Final 8/5/19

SCHEDULING NOTE

Title: UNCONTESTED PROCEEDING REGARDING THE TENNESSEE VALLEY AUTHORITY EARLY SITE PERMIT APPLICATION FOR THE CLINCH RIVER NUCLEAR SITE: SECTION 189A. OF THE ATOMIC ENERGY ACT PROCEEDING (Public Meeting)

Purpose: To receive testimony and exhibits regarding the Tennessee Valley Authority (TVA) early site permit (ESP) application. TVA is proposing the Clinch River Nuclear (CRN) Site as a site for one or more small modular reactors (SMRs). The testimony will focus on unique features of the site, novel issues that arose as part of the review process, and other significant issues associated with aspects of the staff's review that are important for the Commission to consider when making its final decision. The Commission will determine whether the staff's review has been adequate to support the findings set forth in 10 C.F.R. §§ 52.24(a) and 51.105(a).

Scheduled: August 14, 2019
9:00 am

Duration: 1 Day

Location: Commissioners' Conference Room, 1st Floor OWFN

NOTE: Chairman to provide opening remarks, admit exhibits, and swear in witnesses. **20 mins.**

Participants: **Presentation**

(Note: Witnesses seated at the table are listed; other staff available to answer questions will be seated in the well and reserved rows.)

Overview (TVA) (9:20 am) **30 mins.***

At the table:

Joe Shea, Vice President, Regulatory Affairs and Support Services, TVA

Dan Stout, Director, Nuclear Technology Innovation, TVA

John Holcomb, Manager, Small Modular Reactor Engineering, TVA

Topic: Overview of the project.

Commission Q & A (round of questions; 6 minutes each) **24 mins.****

Overview (NRC Staff) **30 mins.***

At the table:

Frederick Brown, Director, Office of New Reactors (NRO)

Robert Taylor, Director, Division of Licensing, Siting, and Environmental Analysis (DLSE), NRO

Anna Bradford, Deputy Director, DLSE, NRO

Topic: Overview of the ESP process and summary of the ESP review and the staff's regulatory findings.

Commission Q & A (round of questions; 6 minutes each) **24 mins.****

BREAK **5 mins.**

NOTE: For the remaining panels, the applicant is expected to discuss the contents of the ESP application, while the staff is expected to discuss its review process, regulatory conclusions, and permit conditions associated with the subject matter of the panel.

Safety Panel (11:20 am)

Applicant **15 mins.***

At the table:

Dan Stout, Director, Nuclear Technology Innovation, TVA

Archie Manoharan, Senior Program Manager, Site Nuclear Licensing, TVA

Alex Young, Mechanical Engineer, Design, TVA

Wally Justice, Nuclear Consultant, Small Modular Reactor Engineering, TVA

Staff **40 mins.***

At the table:

Allen Fetter, Senior Project Manager, NRO

Mallecia Sutton, Senior Project Manager, NRO

Bruce Musico, Senior Emergency Preparedness Specialist, Office of Nuclear Security and Incident Response (NSIR)

Michelle Hart, Senior Reactor Engineer, NRO

Michael Scott, Director, Division of Preparedness and Response, NSIR

Topics: Relevant sections of the application and staff conclusions from the Final Safety Evaluation Report. Discussion on novel issue identified in associated SECY paper. Specifically, the staff's evaluation of the proposed exemptions from certain emergency planning requirements and the risk-informed, dose-based, and consequence-oriented methodology for determining the appropriate plume exposure pathway emergency planning zone for SMRs at the CRN Site.

Commission Q & A (round of questions; 6 minutes each) 24 mins.**

BREAK (Lunch Break-Approx. 12:40 – 2:00 pm) ~1.5 hour

Environmental Panel (2:00 pm)

Applicant 15 mins.*

At the table:

Dan Stout, Director, Nuclear Technology Innovation, TVA

Jeff Perry, Senior Project Manager, TVA

Ruth Horton, Program Manager, Environmental Support, TVA

John Holcomb, Engineering Manager, TVA

Staff 20 mins.*

At the table:

Tamsen Dozier, Project Manager, NRO

Kenneth Erwin, Branch Chief, NRO

Topic: Relevant sections of the Final Environmental Impact Statement and staff findings.

Commission Q & A (round of questions; 6 minutes each) 24 mins.**

Closing (3:00 pm)

Closing Statement by Applicant

10 mins.*

Joe Shea, Vice President, Regulatory Affairs and Support Services, TVA

Dan Stout, Director, Nuclear Technology Innovation, TVA

Closing Statement by Staff

10 mins.*

Frederick Brown, Director, NRO

Robert Taylor, Director, DLSE, NRO

Anna Bradford, Deputy Director, DLSE, NRO

Commission Q & A and Closing Statements

24 mins.**

*For presentation only and does not include time for Commission Q & A's.

**All Commissioners will have an opportunity to ask questions after each panel. Commissioners will start the Q & A with their total allotted time and may allocate this time as they see fit.